



Executive Summary: East Lake Middle School Academy of Engineering

School Improvement Plan for 2017-18

East Lake Middle School Academy of Engineering has 396 students grades 6th-8th, one administrator, 23 teachers, and 8 staff members. The mission of East Lake Middle School Academy of Engineering is to prepare students to be college and career ready and have the skills to compete in a global society. East Lake Middle School Academy of Engineering has met the requirements of the AdvancED Accreditation Commission and is accredited by the Southern Association of Colleges and Schools Council on Accreditation and School Improvement.

School Celebrations

A review of our most recent school achievement data has given us reasons to celebrate and build upon as a school. Those improvements include:

- 1.) Our school grade is an A and we increased our total points to 726 points. Our school is the highest ranked school in Pinellas County based on total points.
- 2.) Our school is ranked #9 out of all middle schools in the state.
- 3.) Our school improved our ELA learning gains from 69% to 72%.
- 4.) Our school increased our ELA proficiency from 77% to 84%.
- 5.) Our school had 100% proficiency of Geometry EOC, 99% proficiency on Algebra EOC, and 99% proficiency on Civics EOC.

Primary Goals

To accomplish our mission, East Lake Middle School Academy of Engineering has the following primary goals:

- 1) Increase the number of students making learning gains from 72% to 80% as measured by the FSA ELA in Spring 2018.
- 2) Increase proficiency level of all math students to 90% as measured on the Spring FSA assessment.
- 3) Increase the number of students making learning gains from 69% to 80% as measured by the FSA/EOC in Spring 2018.
- 4) 100% of 8th grade students will achieve a 3.0 or higher on the SSA in Spring 2018.
- 5) 100% of Black students will make learning gains as measured by the 2018 FSA and ELA Math Assessments.

Key Strategies:

The core instructional and monitoring strategies included in our action plans are:

- Increase rigor by asking higher level questions in every math lesson in all math classes. Increase rigor in engineering and science classes by asking challenge math questions throughout the year.
- Teachers will continue to provide writing opportunities in the classroom and through research-based projects. All Quick Writes will use evidence and all research projects will require a minimum of three cited sources.
- Increase the opportunities for students to identify Main Idea and Key Details. Collection of grade level data from these mini lessons will be monitored and then presented at SBLT monthly meetings.
- Reviewing student work samples as part of our instructional rounds and PLCs as a periodic “rigor” check.
- Conducting data chats with students to support students with goal-setting based on data; all students have data folders that follow them from 6th to 8th grade.

Professional Development

The professional development efforts include the use of the year-long work on Restorative Practices and Olweus Bullying Prevention program. All teachers will use an electronic Staff notebook for lesson plans and many have started using class notebook for students. We will also continue the use of our guide teachers in differentiating and scaffolding instruction. Teachers meet in Professional Learning Communities (PLC’s) to conduct data chats regularly to review student responses and work samples to inform instruction. Work samples are also reviewed throughout the year by the leadership team. SBLT team will lead discussions on data and help train/guide teachers to recognize common deficiencies within their class and overall so grade level teams can work together for all students to improve learning gains.

Parent and Community Engagement

Parent engagement is high at East Lake Middle School Academy of Engineering. We were awarded the Golden and Silver award for school volunteer hours as we have more than double the amount of volunteer hours at our school than students enrolled at ELMS. We will continue to build meaningful parent and community engagement opportunities for our families and community. Some such programs are Engineering Expo, Good Behavior Get Together, Data Chat Evenings, 8th grade parent academies with featured speakers, and routine hours for various volunteer activities benefiting the students.

For more information about East Lake Middle School Improvement Plan, please go to our website at www.pcsb.org/eastlake-ms